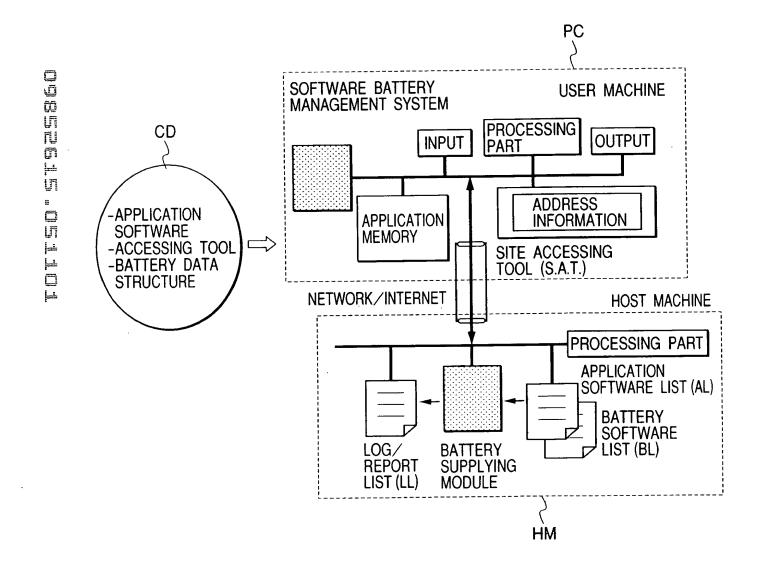
•

FIG. 1



APPLICATION	LIST (AL)						
APPLICATION APPLICATION EID	APPLICATION NAME	BATTERY ID	BATTERY ID VALID/INVALID	BATTERY LIST (BL)	T (BL)		
		•		BATTERY	BATTERY CLAIMER	BATTERY SUPPLYING BATTERY UNIT	BATTERY UNIT
						UNIT	PRICE
							-
				,			
BATTERY S	Battery Supplying History (BH)	TORY (BH)					

SUPPLY AMOUN			
ID		,	
BATTERY			
KEY 3 APPLICATION BATTERY ID SUPPLY ID AMOUN'			
KEY 3			
KEY 1			
DATE			

KEY 1 IS AVAILABLE TO IDENTIFY A USER

FIG. 3

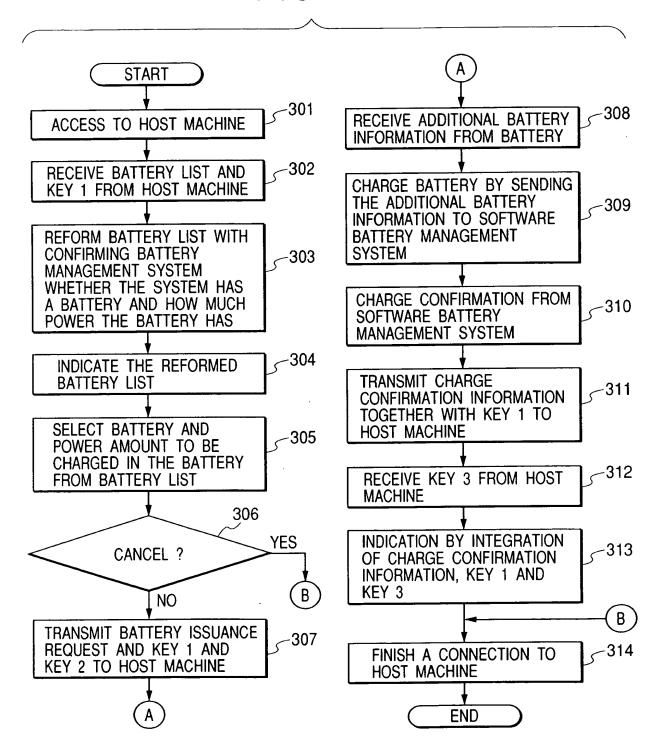
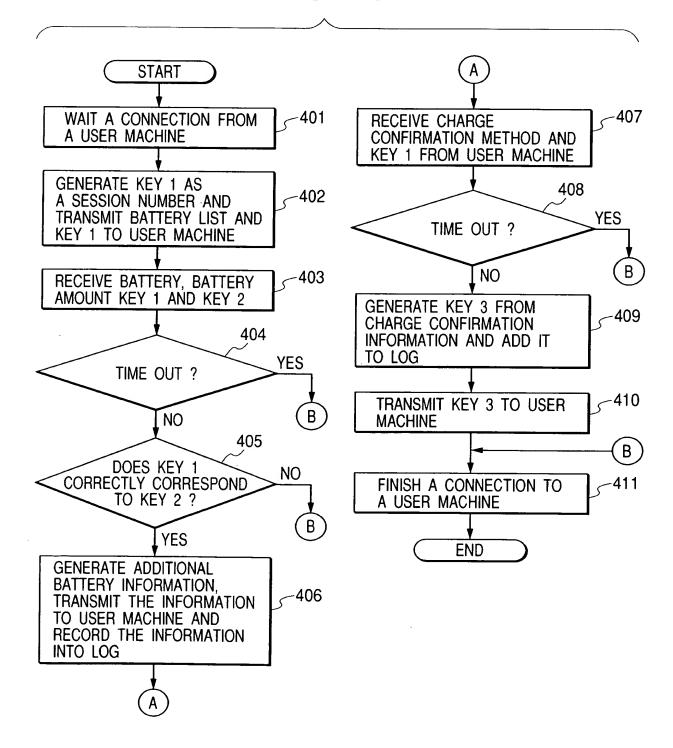
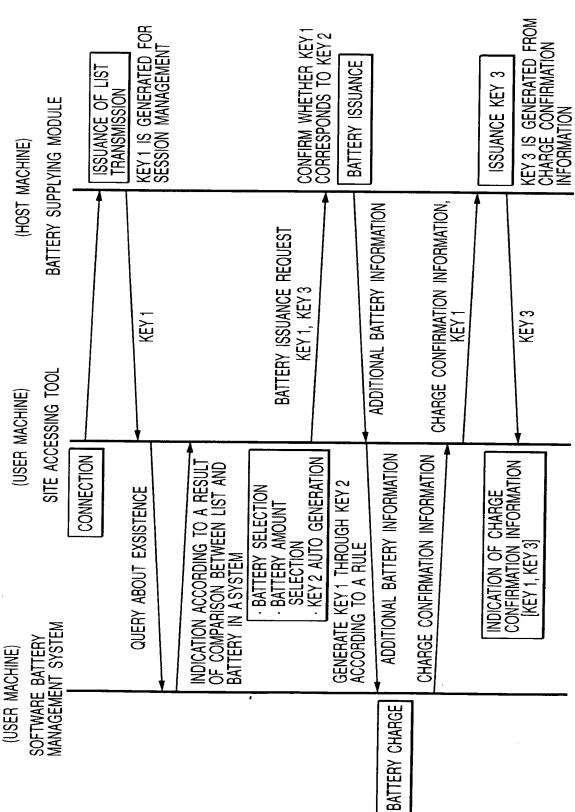


FIG. 4



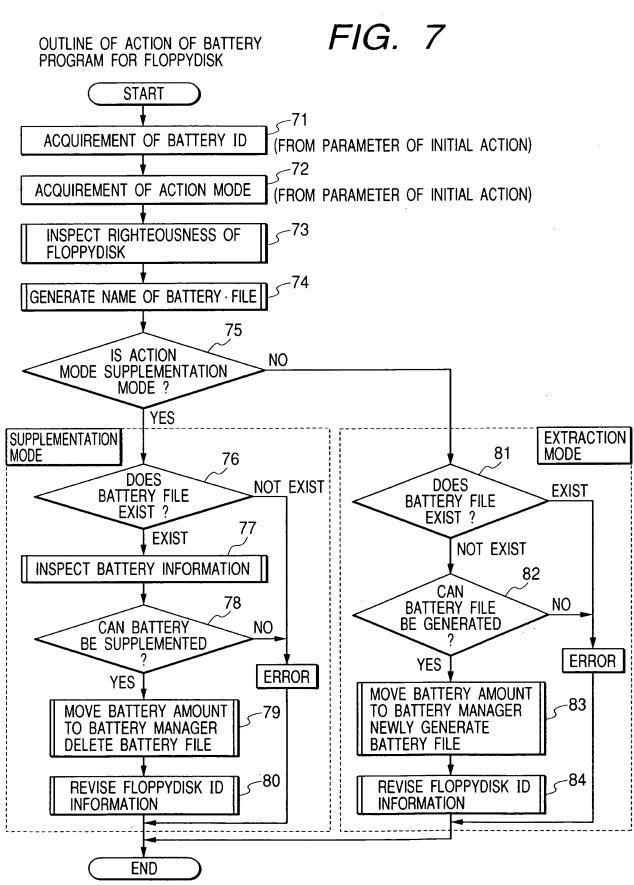
D9852615.051101

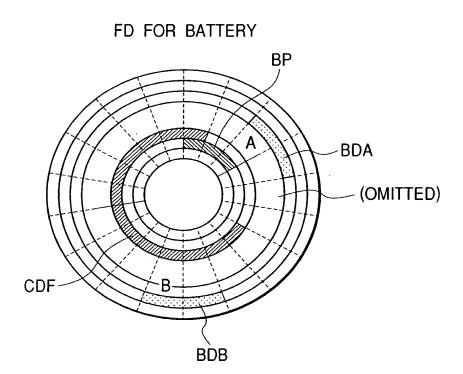




DOMENDING DELLOI

BATTERY MANAGER BATTERY (1) BATTERY (2) BATTERY ID **APPLICATION** 쮸 FLOPPYDISK IDENTIFICATION INFORMATION FILE FILE STRUCTURE OF A FLOPPYDISK S BATTERY - PROGRAM FOR FLOPPYDISK BATTERY · FILE (2) BATTERY · FILE (1) ID NUMBER FLOPPYDISK





BATTERY MANAGEMENT DATA FORMAT

SERIAL NUMBER OF FLOPPYDISK
FINALLY OPERATED DATE/TIME INFORMATION
FINALLY OPERATED BATTERY ID

FINALLY OPERATED BATTERY SUMMARY *1

* 1: NUMERAL DATA LIKE CHECK SUM TO CHECK IF BATTERY DATA IS NOT CHANGED

BATTERY DATA FORMAT

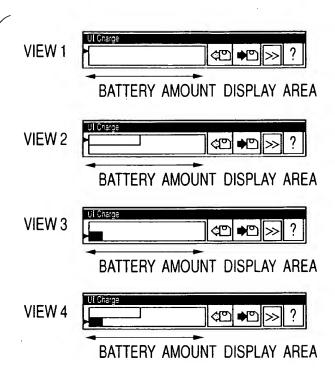
IDENTIFICATION INFORMATION OF BATTERY TYPE *2

BATTERY AMOUNT (INTEGER) *2

IDENTIFICATION FLAG OF POSSIBLE TO CHARGE OR IMPOSSIBLE TO CHARGE

IDENTIFICATION FLAG OF ATTACHABLE OR DETACHABLE ESTIMATION VALUE OF REMAINING USABLE TIME/NUMBER OF TIME

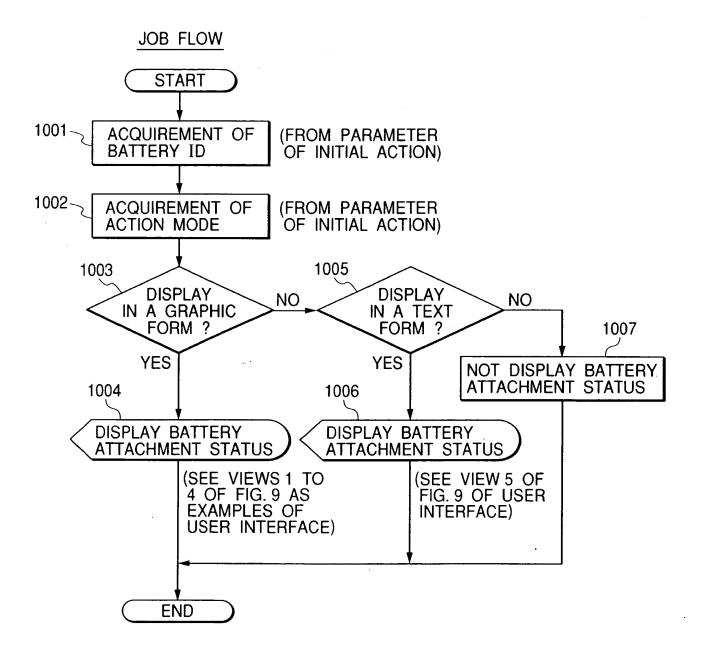
* 2: IT IS POSSIBLE TO ARRANGE TYPE AND AMOUNT OF BATTERY IN A VALUE



<STATUS OF BATTERY ATTACHMENT> WITH OR **TYPE** REMAINING REMAINING TIME **PROCESSING WITHOUT** OR TEST XX MINUTES LEFT CHARGE DETACH W 10unit **NORMAL** W 100unit xx MINUTES LEFT CHARGE DETACH NOT VIEW 5 W/O CHARGE DÉTACH RESTRICTED <CONSUMPTION ORDER> CONSUME POWER FROM NORMAL BATTERY GENERATE OPERATION HISTORY FILE DELETE OPERATION HISTORY FILE HELP

VIEW 6

GRAPHIC DISPLAY TEXT DISPLAY NOT DISPLAYED



VIEW EXAMPLE

VIEW 1

ESTIMATION DISPLAY VIEW

	<status c<="" th=""><th>F BATTE</th><th>RY ATTACH</th><th>HMENT></th><th></th><th></th></status>	F BATTE	RY ATTACH	HMENT>		
	TYPE	WITH OR WITHOUT	REMAINING	REMAINING	TIME	PROCESSING
	OR TEST NORMAL NOT RESTRICTED	W W W∕O	10unit 100unit	xx MINUTES xx MINUTES	LEFT LEFT	CHARGE DETACH CHARGE DETACH CHARGE DETACH
<consumption order=""></consumption>						

CONSUME POWER FROM NORMAL BATTERY ☐ GENERATE OPERATION HISTORY FILE

DELETE OPERATION HISTORY FILE

CLOSE

IHELP

BATTERY DATA FORMAT

IDENTIFICATION INFORMATION OF BATTERY TYPE *2

BATTERY AMOUNT (INTEGER) *2

IDENTIFICATION FLAG OF POSSIBLE TO CHARGE OR IMPOSSIBLE TO **CHARGE**

IDENTIFICATION FLAG OF ATTACHABLE OR DETACHABLE

ESTIMATION VALUE OF REMAINING USABLE TIME/NUMBER OF TIME *3

- *2: IT IS POSSIBLE TO ARRANGE TYPE AND AMOUNT OF BATTERY IN A VALUE
- *3: CALCULATED AND REVISED ACCORDING TO SUMMARY FILE OF OPERATION HISTORY INFORMATION ACCUMULATED IN MAIN BODY

VIEW 2 NOTICE OF REMAINING AMOUNT DISPLAY VIEW



NOW USING BATTERY WILL BE RUN DOWN BY REMAINING XX TIMES

CLOSE HELP

OPERATION HISTORY INFORMATION ACCUMULATED IN A SYSTEM

<SPECIFIED DATA FILE>

BATTERY ID

OPERATION START TIME/DATE

SOFTWARE OPERATION FINISH TIME/DATE

OPERATION TIME

OPERATION UNIT NUMBER

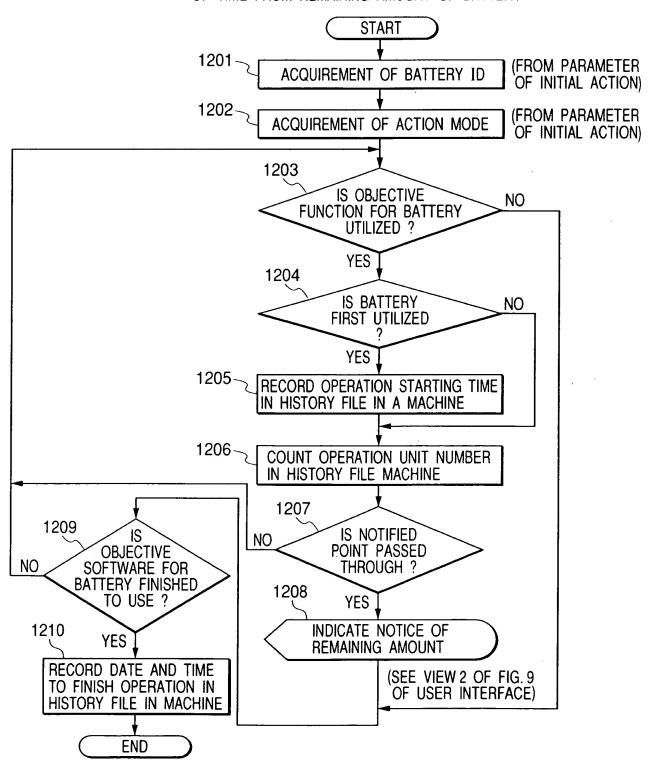
<SUMMARY DATA FILE>

BATTERY ID

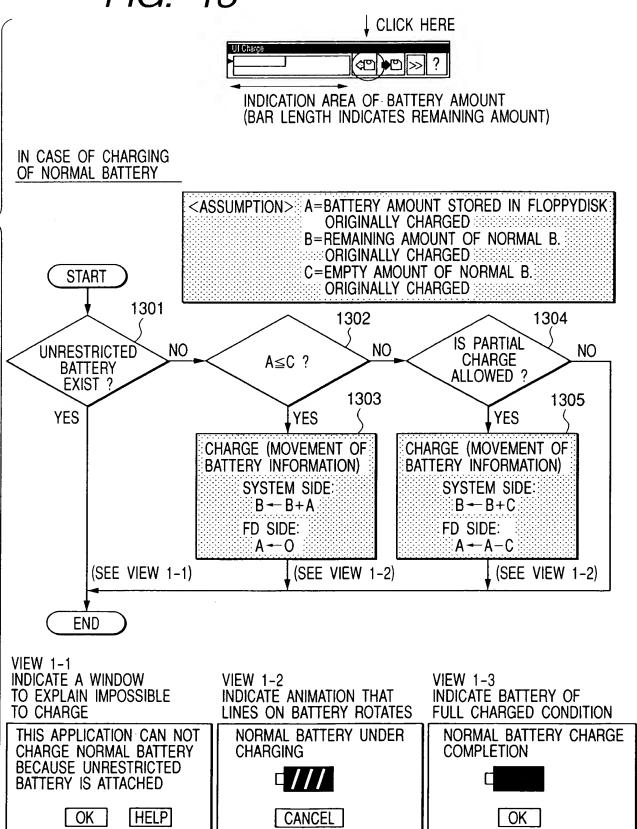
ACCUMULATED OPERATION TIME

ACCUMULATED OPERATION UNIT NUMBER

FUNCTION ESTIMATED OPERATION POSSIBLE TIME/NUMBER OF TIME FROM REMAINING AMOUNT OF BATTERY

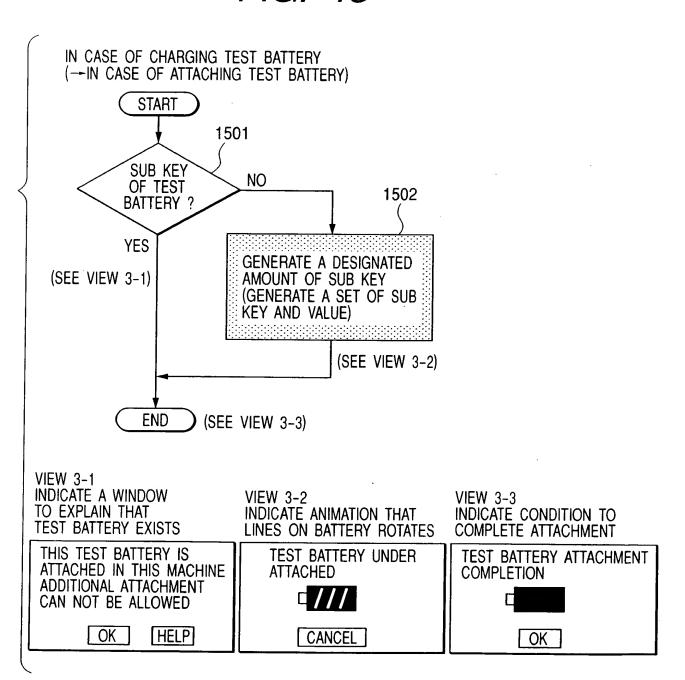


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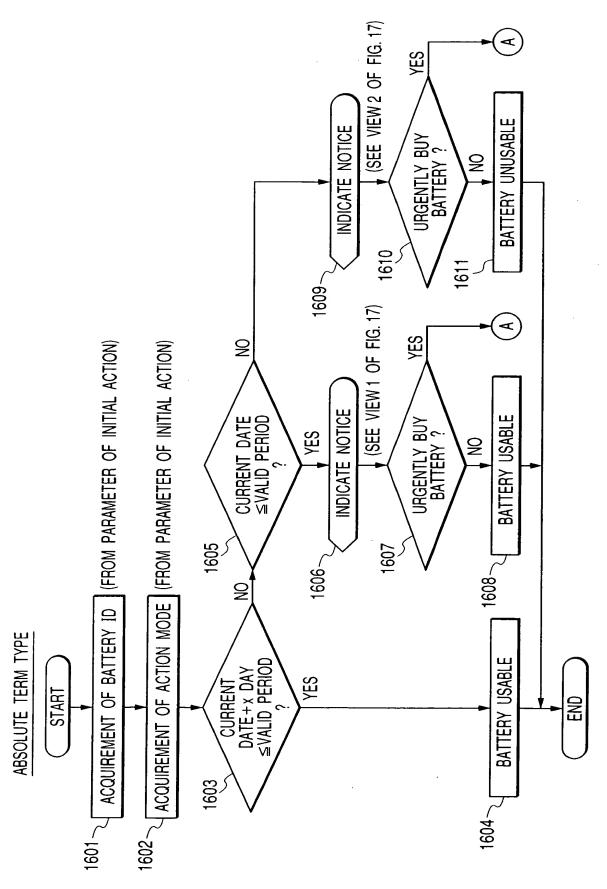
IN CASE OF CHARGING OF UNRESTRICTED BATTERY (→IN CASE OF ATTACHING UNRESTRICTED BATTERY) **START** S1401 UNRESTRICTED NO BATTERY S1402 EXIST ? YES GENERATE BATTERY (SEE VIEW 2-1) (SET OF FLAG) (SEE VIEW 2-2) **END** (SEE BELOW VIEW 2-3) VIEW 2-1 INDICATE A WINDOW VIEW 2-3 TO EXPLAIN THAT **VIEW 2-2** INDICATE CONDITION TO UNRESTRICTED BATTERY INDICATE ANIMATION THAT COMPLETE ATTACHMENT **EXISTS** LINES ON BATTERY ROTATES UNRESTRICTED BATTERY UNRESTRICTED BATTERY UNRESTRICTED BATTERY ATTACHMENT COMPLETION UNDER ATTACHED IS ATTACHED IN THIS **APPLICATION** CANCEL HELP l ok l

OK



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FIG. 16



F/G. 17

VIEW 1 INDICATE NOTICE MESS A PERIOD FROM x DAY THE LAST DAY OF VALI THIS TEST BATTERY CAN NOT BE ALLOWED TO USE BY * *, * *.
BUY BATTERY FROM THE FOLLOWING SITE IF YOU CONTINUE TO USE.
http://www.ucharge.com/battery/

BUY NOW BUY LATER HELP

VIEW 2 INDICATE NOTICE MESSAGE AFTER VALID PERIOD THE PERIOD FOR USE OF THIS TEST BATTERY IS EXPIRED ON * *, * * * BUY BATTERY FROM THE FOLLOWING SITE IF YOU CONTINUE TO USE. http://www.ucharge.com/battery/

BUY NOW BUY LATER HELP

(SEE VIEW 4 OF FIG. 19)

XES

\(\)

2

BATTERY UNUSABLE INDICATE NOTICE URGENTLY BUY BATTERY? 1810 1811 1809-(SEE VIEW 3 OF FIG. 19) V YES (FROM PARAMETER OF INITIAL ACTION) (FROM PARAMETER OF INITIAL ACTION) DATE≤START DAY OF USE+VALID PERIOD? INDICATE NOTICE URGENTLY BUY BATTERY? BATTERY USABLE 2 1805 1807 1808-9 ACQUIREMENT OF ACTION MODE ACQUIREMENT OF BATTERY ID (2) TERM RESTRICTED TYPE FIG. 18 DATE +x DAYSSTART DAY OF USE+VALID PERIOD ? BATTERY USABLE START 絽 803

VIEW 3

INDICATE NOTICE MESSAGE FOF A PERIOD FROM × DAYS BEFORI THE LAST DAY OF VALID PERIOL TO THE LAST DAY

HIS TEST BATTERY CAN NOT BE LLOWED TO USE BY * * , * * .

NUY BATTERY FROM THE FOLLOWING SITE IF YOU CONTINUE TO USE.

ttp://www.ucharge.com/battery/

BUY NOW BUY LATER HELP

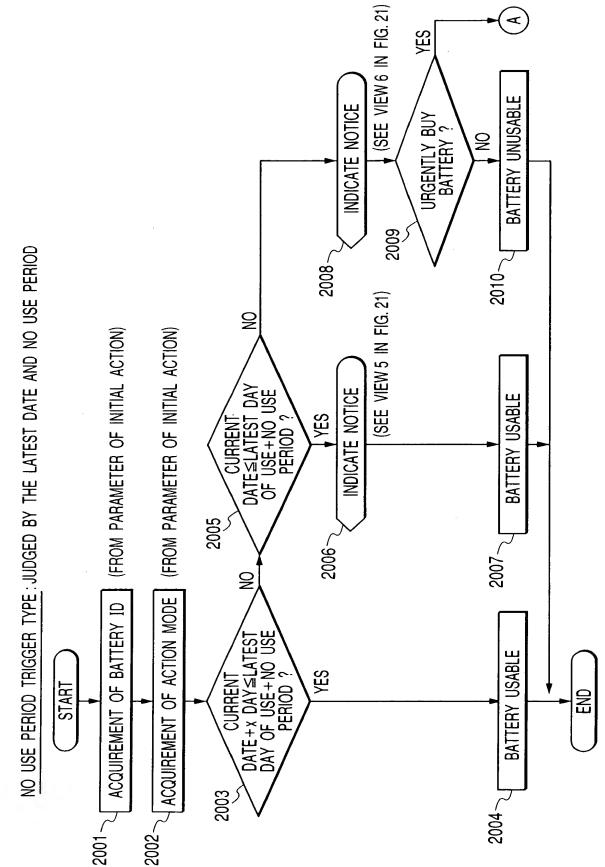
VIEW 4 INDICATE NOTICE MESSAGE AFTER VALID PERIOD THE PERIOD FOR USE OF THIS TEST BATTERY IS EXPIRED ON * *, * *.

BUY BATTERY FROM THE FOLLOWING SITE IF YOU CONTINUE TO USE.

http://www.ucharge.com/battery/

BUY NOW BUY LATER HELP

FIG. 20



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INDICATE NOTICE MESSAGE FOR A PERIOD FROM × DAYS BEFORE THE LAST DAY OF VALID PERIOD VIEW 5

THIS TEST BATTERY HAS NOT BEEN USED FOR THE LAST * * MONTHS. THIS BATTERY WILL BE INVALID IF IT WILL NOT BE USED FOR ANOTHER * * DAYS.

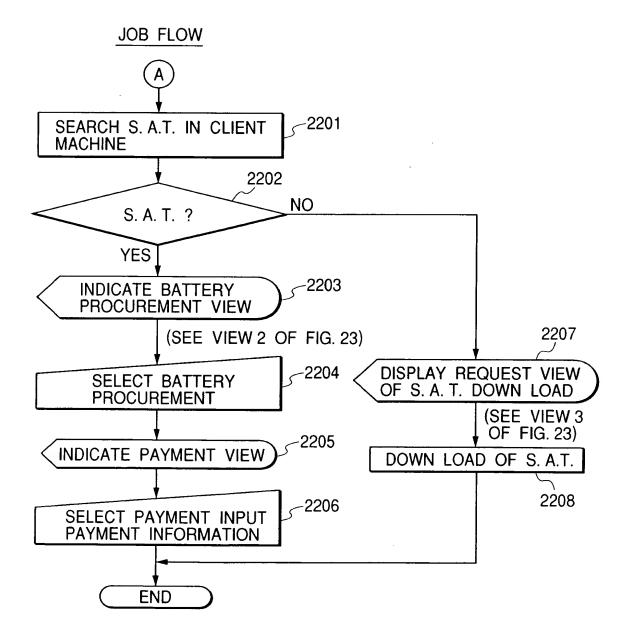
HELP CLOSE

INDICATE NOTICE MESSAGE AFTER NOT USED PERIOD VIEW 6

//www.ucharge.com/battery/ BECAUSE II FOR THE L

HELP BUY LATER BUY NOW

FIG. 22



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FIG. 23

VIEW 10 NOTIFY THAT REMAINING AMOUNT OF BATTERY IS 0



VIEW 2 S.A.T. VIEW

ABCED TRADE BATTERY SALES SITE	DISPLAY AREA OF NOTIFICATION FROM SITE
BUY CONNECT HALT SET HELP END	BATTERY LIST DISPLAY AREA AAA NORMAL ¥2,800 AAA UNRESTRICTED ¥9,800 BBB NORMAL ¥980 BBB UNRESTRICTED ¥4,980 CCC NORMAL ¥3,000 CCC UNRESTRICTED ¥15,000
THE CONTENTS OF THE PRODUCT IS IN: http://www.abcde.co.jp/pro	INQUIRY IS TO: info@abcde.co.jp

VIEW 3
REQUEST VIEW OF S.A.T. DOWN LOAD

DOWN LOAD S.A.T. FOR ABCDEFG FROM THE FOLLOWING SITE

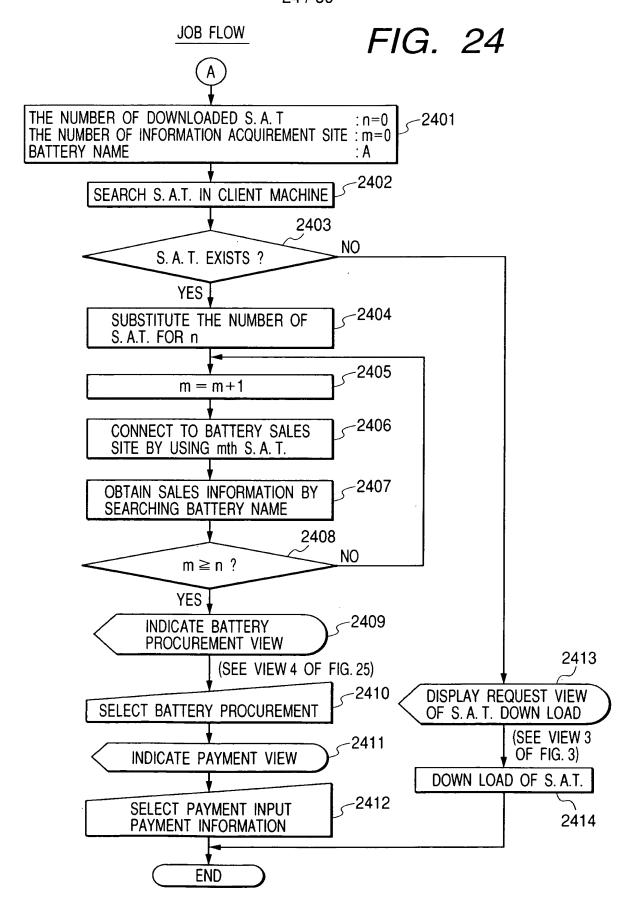
http://www.ucharge.com/sat/

CANCEL

HELP

in

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UI (USER INTERFACE) VIEW 4

BATTERY PROCUREMENT VIEW LIST UP BATTERY INFORMATION FOR PROCUREMENT SEARCHED IN ALL S.A.T. IN CLIENT MACHINE

BATTERY NAME: ABCDEFG **SALES TYPE** PRICE SITE YYY ¥5,000 NORMAL PPP **NORMAL** ¥4,800 **UNRESTRICTED** PPP ¥9,800 **BUY** CANCEL HELP

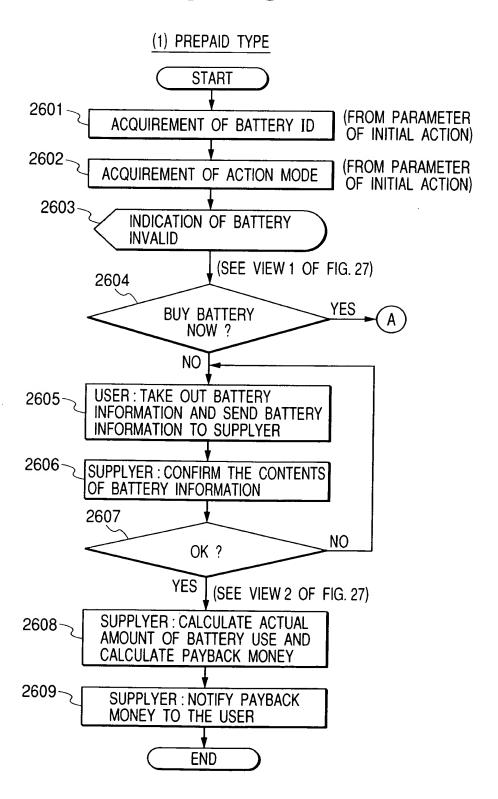
FIG. 25

VIEW 3
REQUEST VIEW OF S.A.T. DOWN LOAD

DOWNLOAD S.A.T. FOR ABCDEFG FROM THE FOLLOWING SITE

http://www.ucharge.com/sat/

CANCEL HELP



DISPLAY A MESSAGE TO NOTIFY THAT NORMAL BATTERY IS INVALID VIEW 1

NORMAL BATTERY OF THIS SOFTWARE IS INVALID ON * *, * * BUY BATTERY IF YOU CONTINUE TO USE.

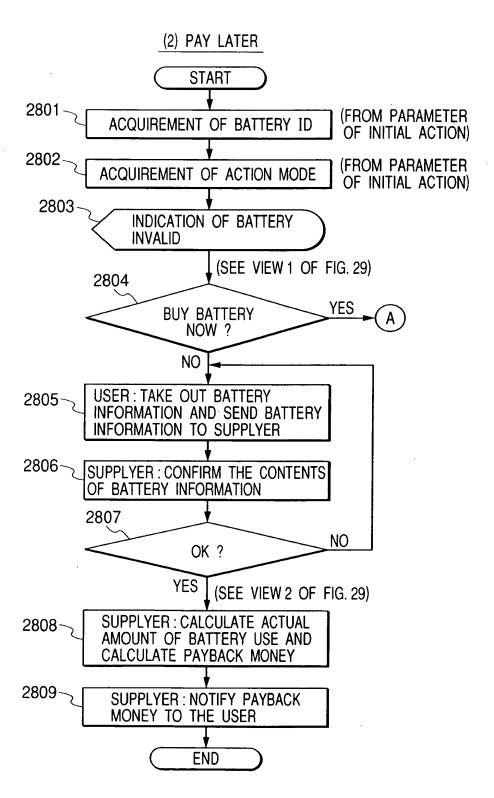
HELP BUY LATER **BUY NOW**

DISPLAY NOTIFICATION MESSAGE TO SUPPLYE'S MACHINE IN CASE THAT CONTENTS HAS ABNORMAL BY CONFIRMING OF BATTERY INFORMATION. DISPLAY ERROR CODE BY CLICKING "DETAIL" VIEW 2

DATA CAN NOT BE READ IN FROM THIS BATTERY INFORMATION. REOBTAIN BATTERY INFORMATION FROM A USER.

DETAIL

CLOSE



F/G. 29

VIEW 1 DISPLAY A MESSAGE TO NOTIFY THAT NORMAL BATTERY IS INVALID NORMAL BATTERY OF THIS SOFTWARE IS INVALID ON * *, * *. BUY BATTERY IF YOU CONTINUE TO USE.

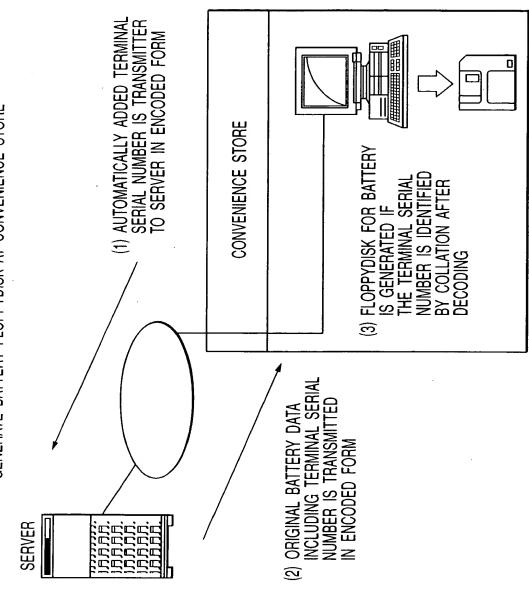
BUY NOW | BUY LATER | HELP

VIEW 2
DISPLAY NOTIFICATION MESSAGE TO
SUPPLYE'S MACHINE IN CASE THAT
CONTENTS HAS ABNORMAL BY
CONFIRMING OF BATTERY INFORMATION.
DISPLAY ERROR CODE BY CLICKING "DETAIL"

DATA CAN NOT BE READ IN FROM THIS BATTERY INFORMATION. REOBTAIN BATTERY INFORMATION FROM A USER.

CLOSE DETAIL

GENERATE BATTERY FLOPPYDISK AT CONVENIENCE STORE



INITIAL DATA TRANSMITTED FROM TERMINAL TO SERVER

APPLICATION CATEGORY TYPE CODE FOR PAYMEN	T NAME	(CREDIT CARD NO.)	(VALID PERIOD)
APPLICATION CATEGORY TYPE CODE FOR PAYMEN	(BLANK)	(PREPAID CARD NO.)	(BLANK)

APPLICATION SERIAL NO. FOR CATEGORY TYPE CODE TRIAL USE FOR PAYMENT	NAME	(CREDIT CARD NO.)	(VALID PERIOD)
---	------	-------------------	-------------------

TERMINAL SERIAL NO. TABLE

TERMINAL SERIAL NO.	MAC ADDRESS OF LAN ADAPTER (OR TERMINAL IP ADDRESS)

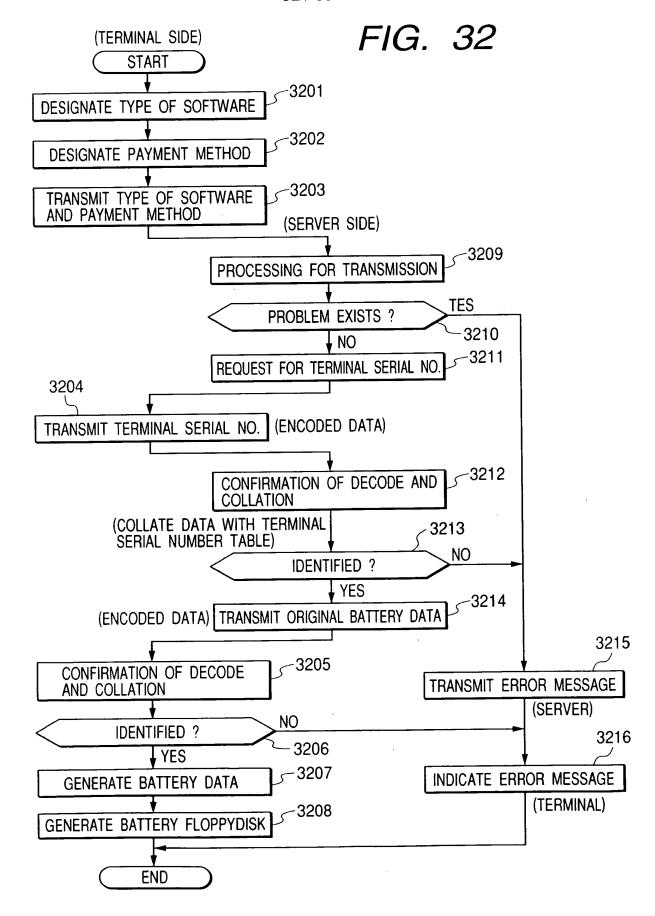
ORIGINAL BATTERY DATA (ENCODED)

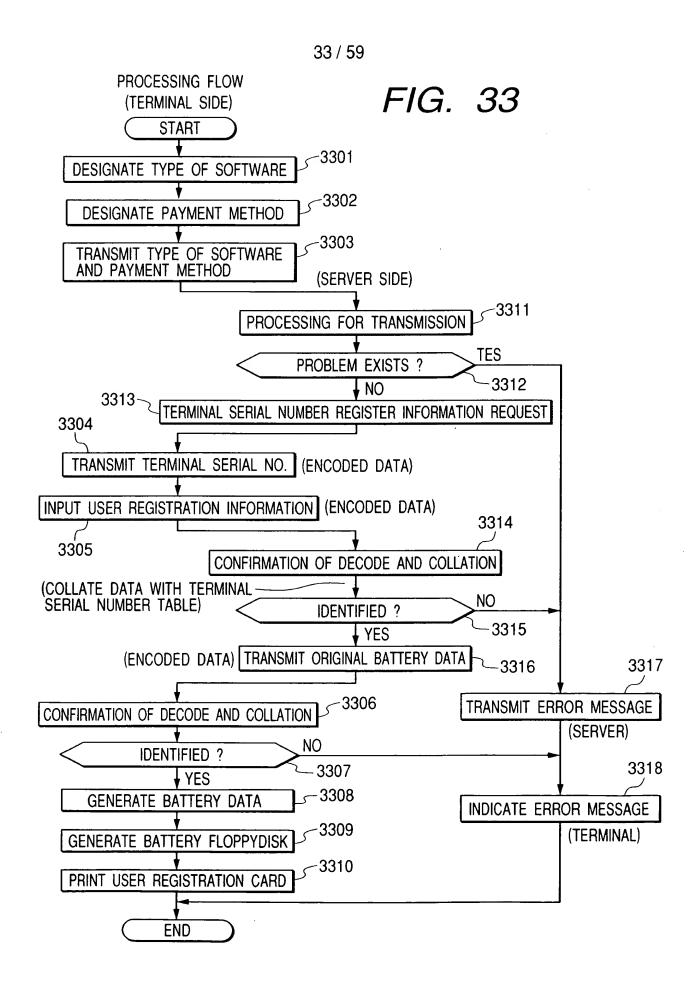
r		
TERMINAL SERIAL NO.	APPLICATION TYPE CODE	KEY CODE

ORIGINAL BATTERY DATA (ENCODED)

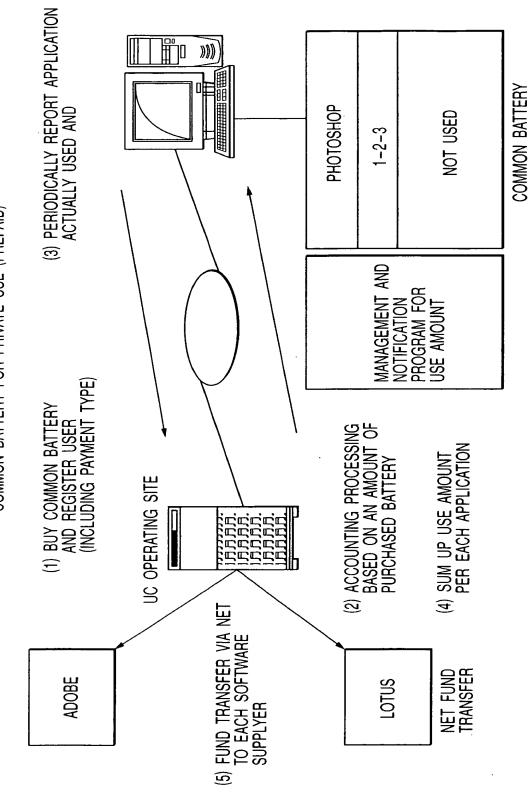
<u> </u>	
APPLICATION TYPE CODE	KEY CODE

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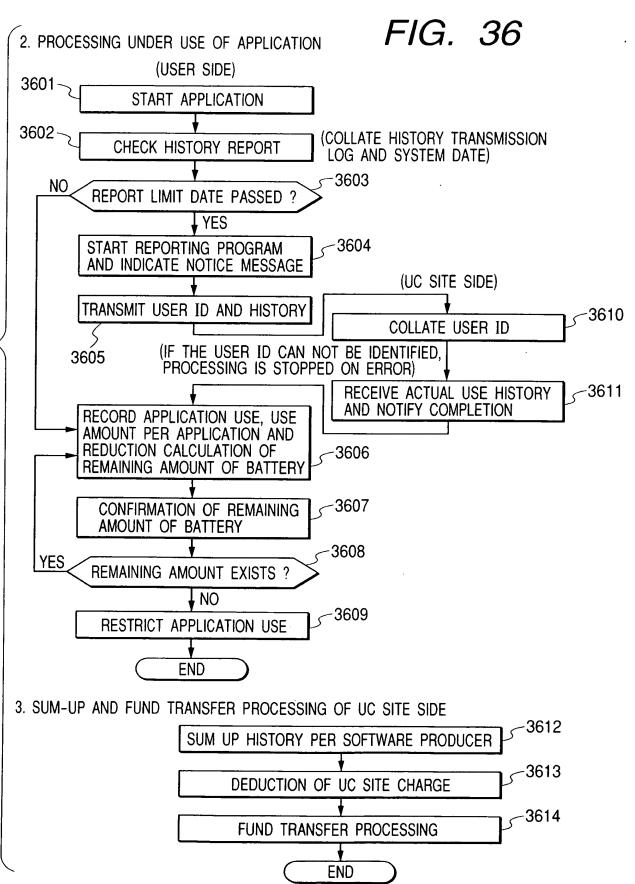


COMMON BATTERY FOR PRIVATE USE (PREPAID)



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PROCESSING FLOW (PREPAID) 1. INITIAL PROCESSING (USER SIDE) **START** 3501 INSTALL APPLICATION OF TRIAL **USE VERSION** 3502 CONNECT TO UC SITE 3503 REGISTER PERSONAL INFO (NAME, ADDRESS AND CONTACT POINT) 3504-DESIGNATE BATTERY TYPE (UC SITE SIDE) AND PAYMENT METHOD 3505 -TRANSMIT PERSONAL INFO TRANSMIT ORIGINAL BATTERY *_*3512 DATA, USER ID, USE AMOUNT BATTERY TYPE AND PAYMENT MANAGEMENT AND NOTIFICATION **METHOD PROGRAM** 3506 3513 RECEIVE DATA ADD REGISTRATION DATA 3507~ INPUT AND TRANSMIT 3514 NOTIFICATION OF REGISTRATION APPLICATION REGISTRATION DATA COMPLETION 3508 RECEIVE REGISTRATION COMPLETION 3509 GENERATE BATTERY DATA (INCLUDING REGISTERED APPLICATION) 3510 -GENERATION COMPLETION **TRANSMISSION** -3515 CHARGE PROCESSING *_*3516 3511~ CHANGE TO APPLICATION OF TRANSMISSION OF CHARGE PRODUCT VERSION PROCESSING COMPLETION



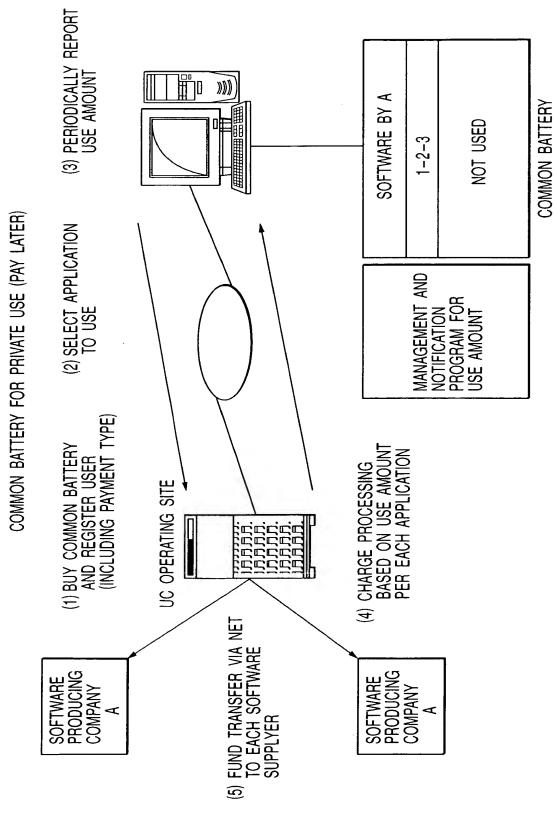
HISTORY TRANSMISSION LOG

	OLITATO CINIOCITOCO	PHOCEONING NIAION	
	TRANSMISSION	RECORD NUMBER	
TRANSMISSION DATE	AND TIME	(YEAR, MONTH, DATE,	HOUR AND MINUTES)

APPLICATION USE HISTORY

USER ID	APPLICATION TYPE CODE	USE AMOUNT	YEAR, MONTHS, DATE, TIME, MINUTES AND SECOND OF STARTING OF SUM-UP	YEAR, MONTHS, DATE, TIME, MINUTES AND SECOND OF FINISHING OF SUM-UP

FIG. 38



PROCESSING FLOW (PAY LATER) 1. INITIAL PROCESSING (USER SIDE) START 3901~ INSTALL APPLICATION OF TRIAL **USE VERSION** 3902-CONNECT TO UC SITE 3903 -REGISTER PERSONAL INFO (NAME, ADDRESS AND CONTACT POINT) 3904 -DESIGNATE BATTERY TYPE (UC SITE SIDE) AND PAYMENT METHOD TRANSMIT ORIGINAL BATTERY *_*3912 3905 -TRANSMIT PERSONAL INFO DATA. USER ID. USE AMOUNT BATTERY TYPE AND PAYMENT MANAGEMENT AND NOTIFICATION METHOD **PROGRAM** 3906 -RECEIVE DATA -3913 ADD REGISTRATION DATA 3907 INPUT AND TRANSMIT J_3914 NOTIFICATION OF REGISTRATION APPLICATION REGISTRATION DATA COMPLETION 3908 -RECEIVE REGISTRATION COMPLETION 3909 GENERATE BATTERY DATA (INCLUDING REGISTERED APPLICATION) 3910-CHANGE TO APPLICATION OF PRODUCT VERSION 3911~ -3915 TRANSMIT INSTALLATION RECEIVE INSTALLATION COMPLETION COMPLETION

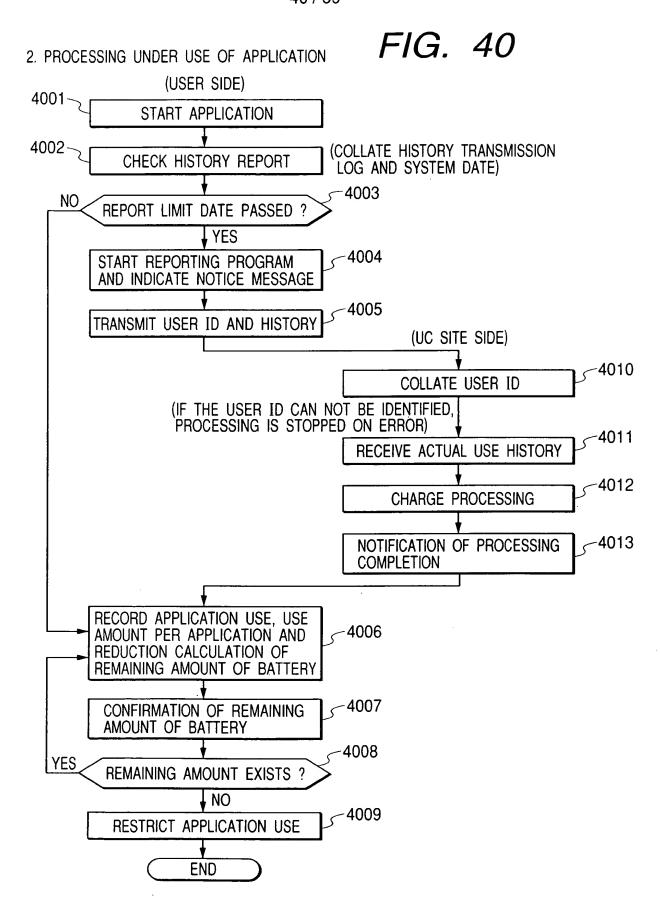
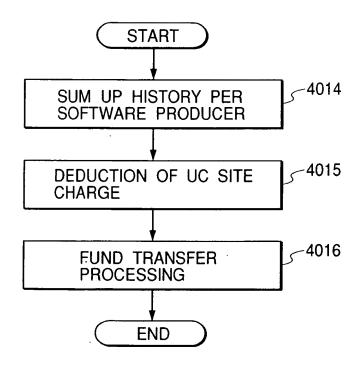


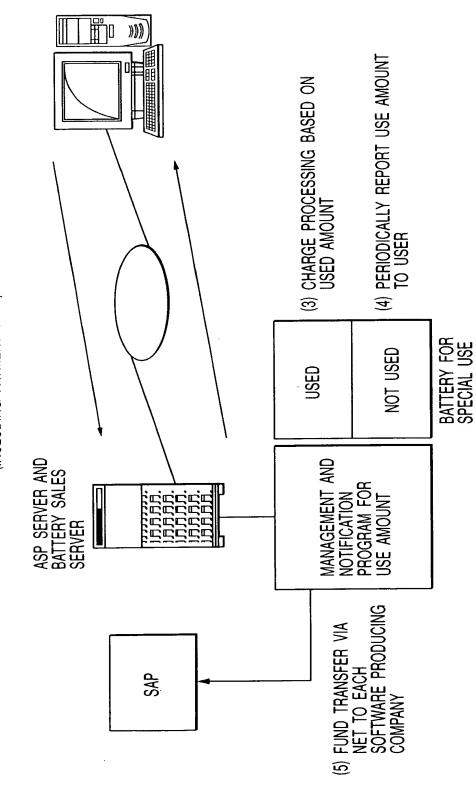
FIG. 41

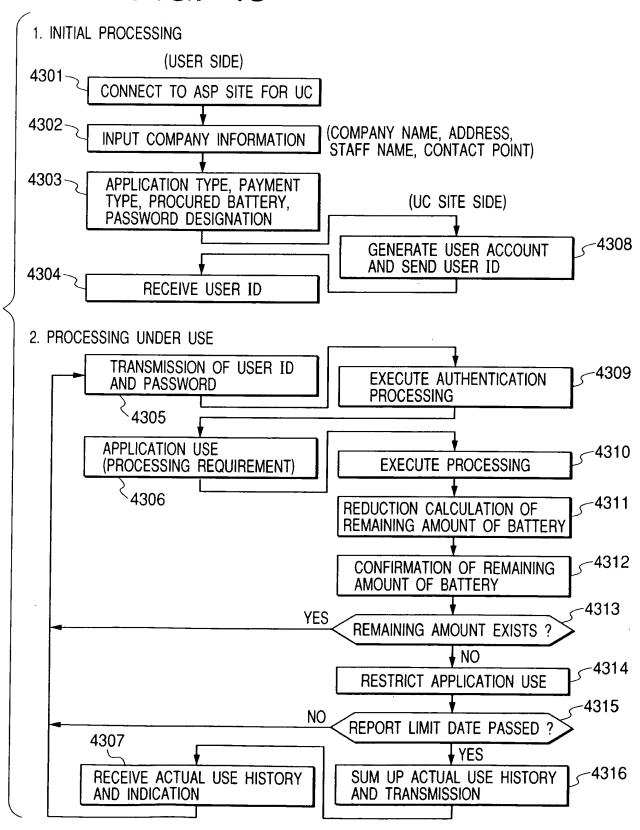


ASP SERVER FOR UC (PAY LATER)

(1) BUY BATTERY FOR SPECIAL USE AND REGISTER USER (INCLUDING PAYMENT TYPE)

(2) APPLICATION IS USED VIA INTERNET





APPLICATION USE HISTORY

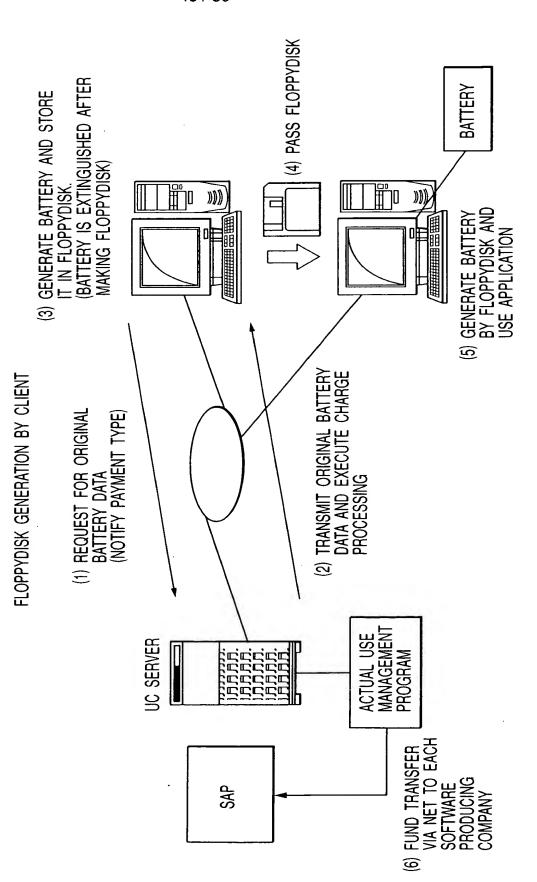
USEF	PERSONAL	APPLICATION TYPE CODE	APPLICATION USE AMOUNT	YEAR, MONTHS, DATE, TIME, MINUTES AND SECOND OF STARTING OF SUM-UP	YEAR, MONTHS, DATE, TIME, MINUTES AND SECOND OF FINISHING OF SUM-UP
	1				

FIG. 45

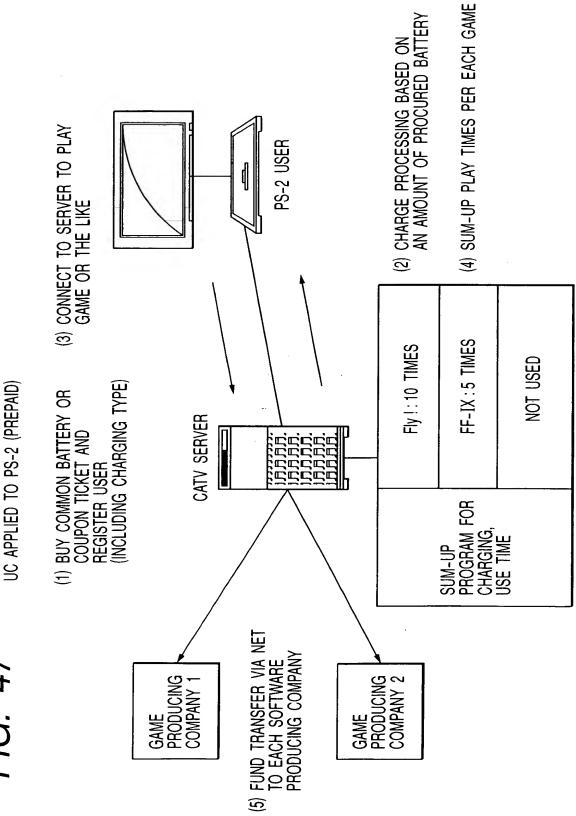
INITIAL DATA TRANSMITTED FROM USER SIDE TO SAT SERVER

	_
(VALID PERIOD)	
(CREDIT CARD NO.)	
NAME	
CATEGORY FOR PAYMENT	
APPLICATION TYPE CODE	

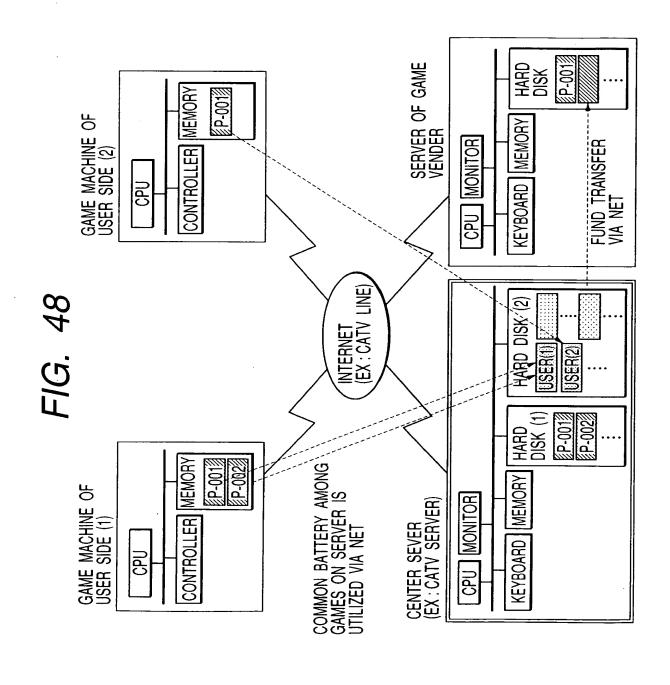
le le







COMMON BATTERY



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FIG. 49

INITIAL PROCESSING FLOW

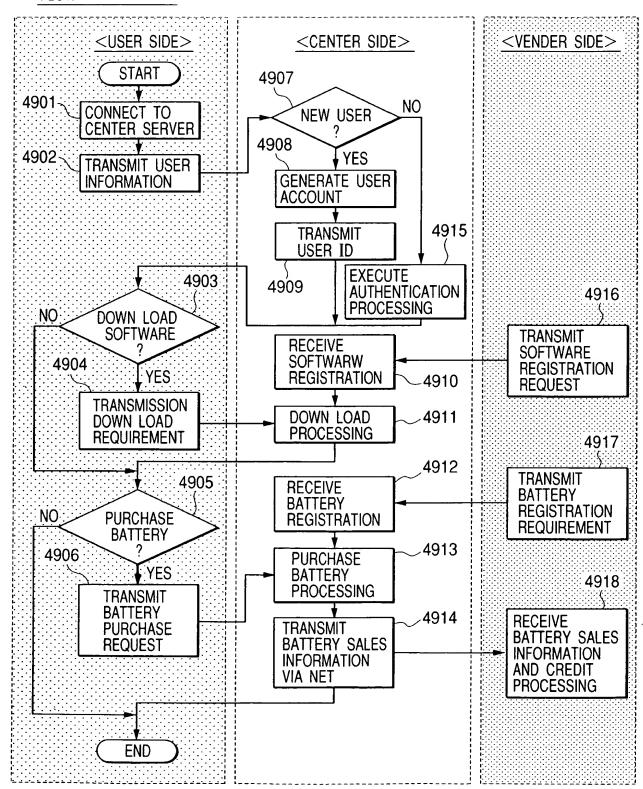
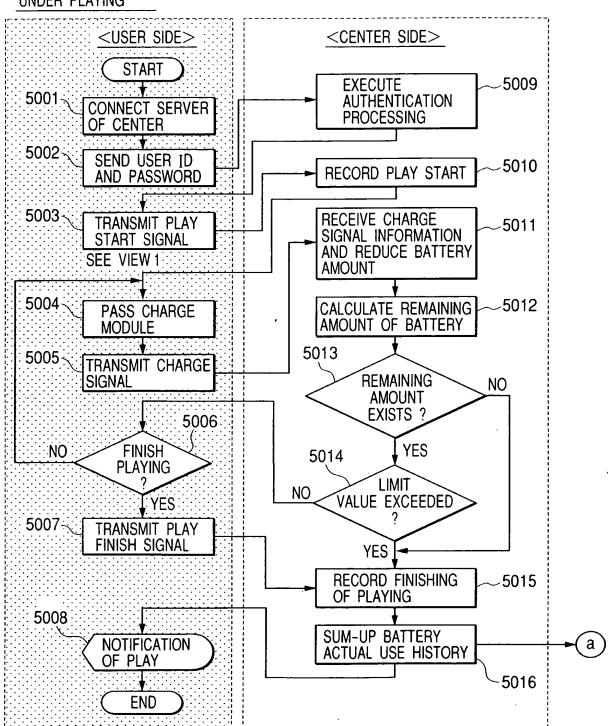


FIG. 50A

FIG. 50A FIG. 50B

PROCESSING FLOW UNDER PLAYING



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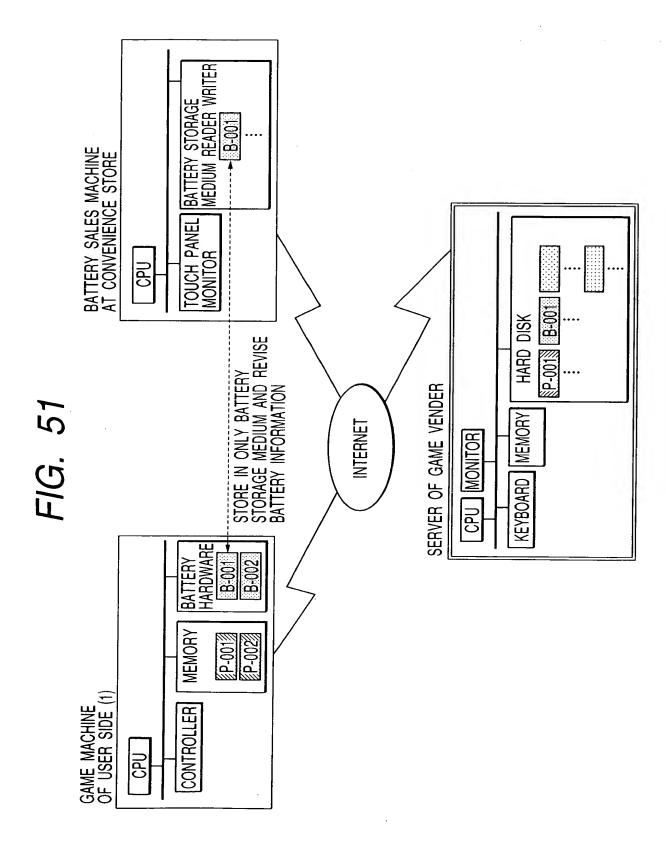
FIG. 50B

INDICATE PLAY START TABLE TENNIS GAME (CLICK "START" TO PLAY) **START** INDICATE THAT LIMIT VALUE IS EXCEEDED PREDETERMINED USE TIME IS EXCEEDED THE END OF TODAY'S GAME!! CHARGE INFO CLICK "CHARGE INFO" TO INDICATE DETAILED USE LIST STATUS OF USE ON *,* TIME REMAINING AMOUNT OF BATTERY 16 5 XXX 0 16 ууу RETURN <VENDER SIDE>

RECEIVE BATTERY ACTUAL USE HISTORY

REPORT

a



OSSESIB: OSILOI

SOFTWARE SALES SERVER FOR UC (PREPAID)

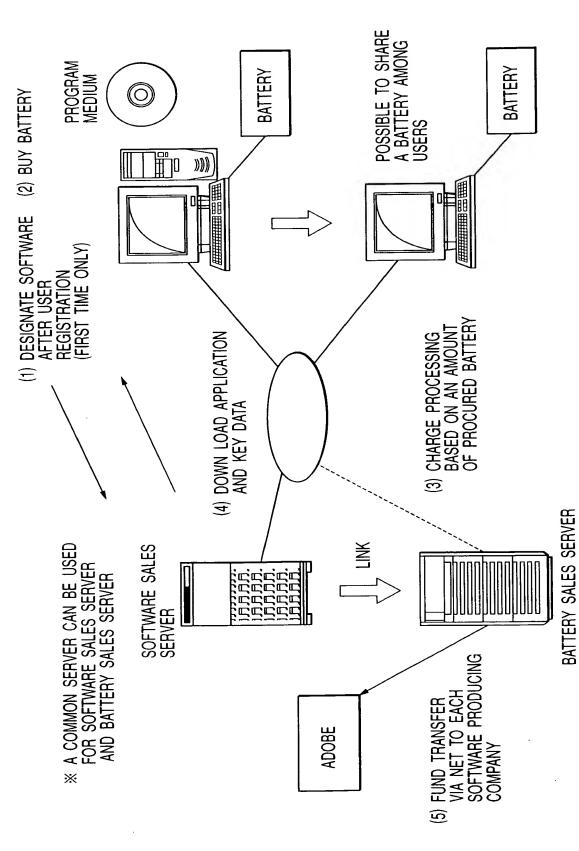


FIG. 53

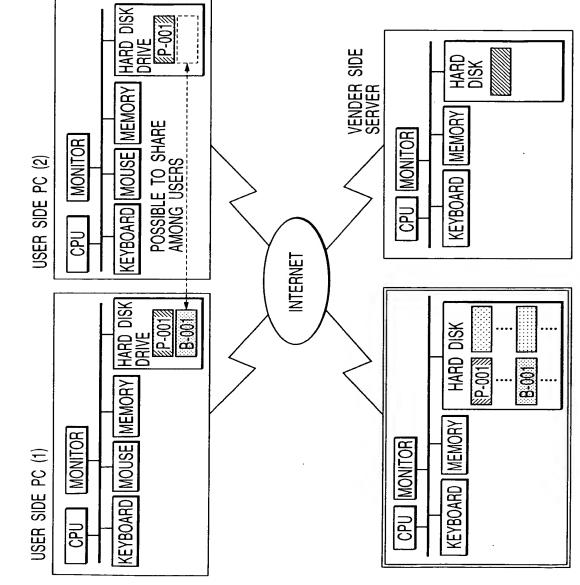
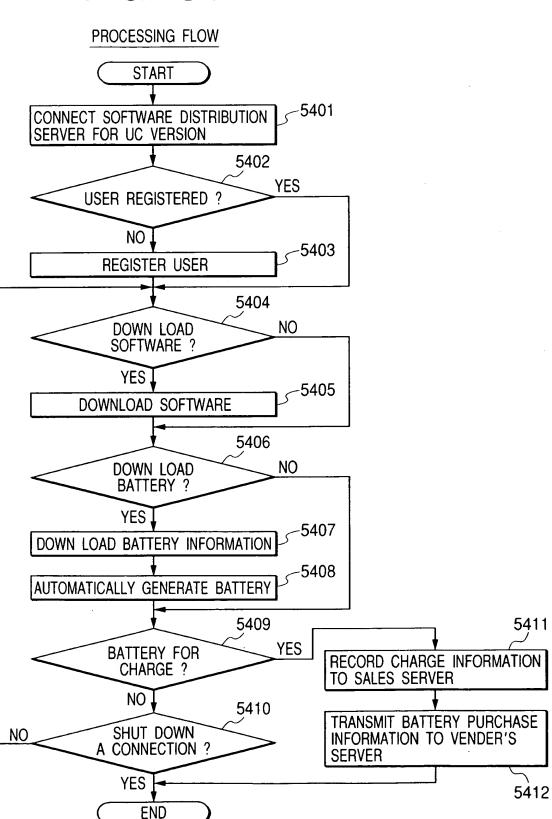
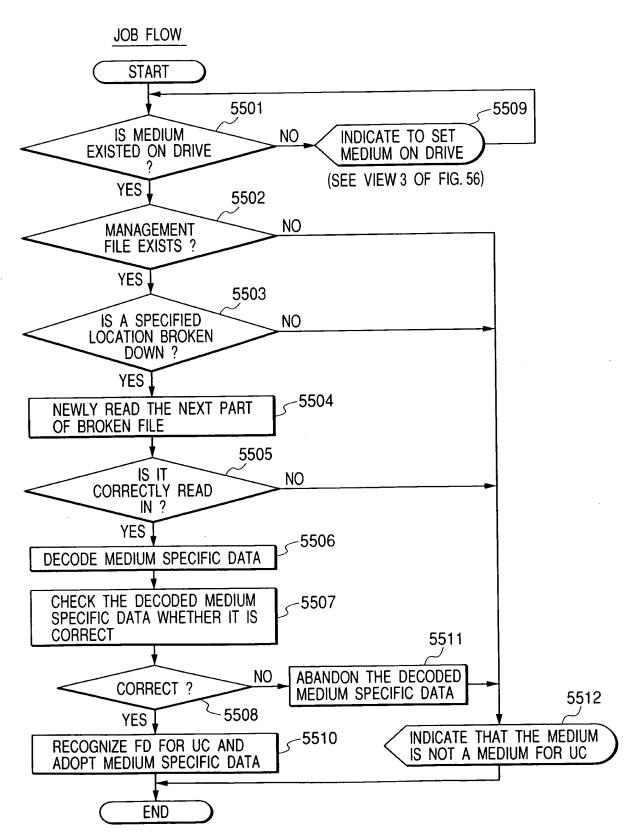


FIG. 54





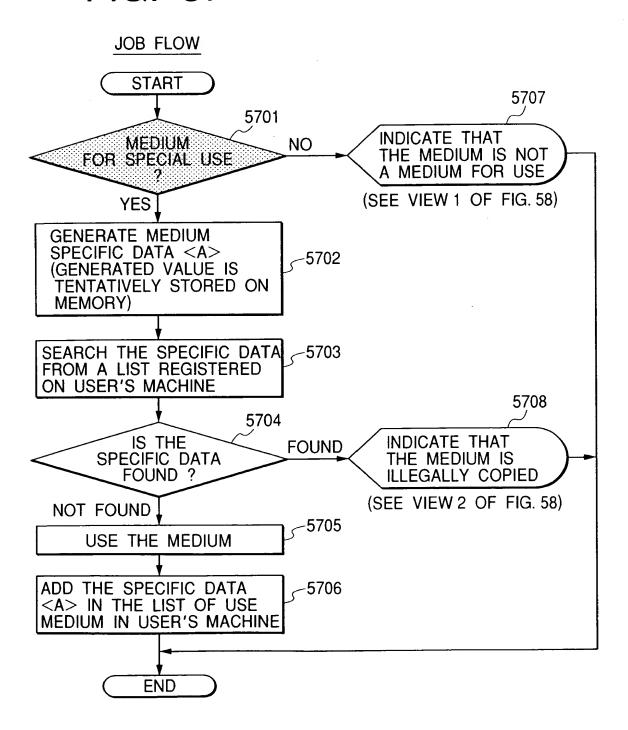
VIEW 3 EMBODIMENT IN CASE THAT MEDIUM IS FLOPPY DISK

INSERT FD FOR SPECIAL USE ON DRIVE

OK

HELP

FIG. 57



VIEW 1
THE EMBODIMENT IN CASE
THAT MEDIUM IS FLOPPYDISK

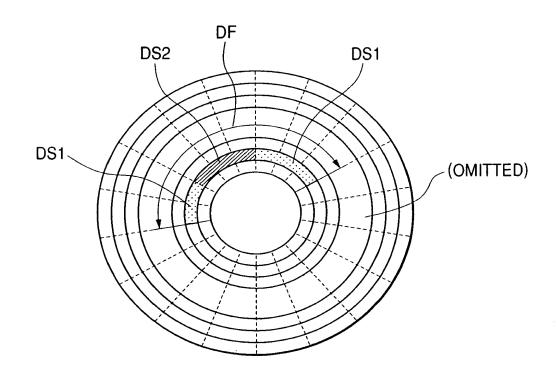
THIS FD IS NOT FD FOR SPECIAL USE. INSERT FD FOR SPECIAL USE.

CLOSE HELP

VIEW 2 THE EMBODIMENT IN CASE THAT MEDIUM IS FLOPPYDISK

THIS FD IS ONE COPIED FROM ORIGINAL. INSERT ORIGINAL FD.

CLOSE HELP



CONTENTS OF MANAGEMENT FILE

A SERIAL NUMBER OF MEDIUM (A PART)

FORMATTED DATE INFORMATION (A PART)

DATE INFORMATION OF THE DATE LASTLY REVISED (A PART)

DUMMY DATA

DEFECTIVE AREA

A SERIAL NUMBER OF MEDIUM (REMAINING PART)

FORMATTED DATE INFORMATION (REMAINING PART)

DATE INFORMATION OF THE DATE LASTLY REVISED (REMAINING PART)

CHECK SUM

DUMMY DATA